



## THE BOLLINGTON URBAN DISTRICT COUNCIL

## ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH 1945

## 1. - GENERAL STATISTICS

Population 4658  
 Area (Acres) 1442  
 Number of inhabited houses 1667  
 Estimated net produce of a penny rate £90.

## 2. - EXTRACTS FROM VITAL STATISTICS FOR THE YEAR

Births

|              | Males | Females | Total |
|--------------|-------|---------|-------|
| Legitimate   | 50    | 39      | 69    |
| Illegitimate | 5     | 1       | 6     |
|              | 35    | 40      | 75    |

Live Birth Rate 16.1 per 1,000 of estimated population.

|              | Males | Females | Total. |
|--------------|-------|---------|--------|
| Still Births | 1     |         | 1      |

Birth rate of Stillborn children 13.1 per 1,000 total live and still births.

Deaths (All Ages)

|                        | Males          | Females | Total |
|------------------------|----------------|---------|-------|
| Crude Death Rate       | 30             | 27      | 57    |
| Puerperal Sepsis       | 12.2 per 1,000 |         |       |
| Other Puerperal causes | Nil            |         |       |
| Rate per 1,000 births  | Nil            |         |       |

Deaths of Children under 1 year

|              | Males | Females | Total |
|--------------|-------|---------|-------|
| Legitimate   | 2     | 1       | 3     |
| Illegitimate | -     | -       | -     |

Death Rate of infants under 1 year of age per 1,000 live births - 40.0

Legitimate 40.0.

Illegitimate Nil.

Number of women dying consequent of Child Birth - Nil.

Death Rate from Tuberculosis, 1945

Pulmonary .21 per 1,000 estimated population.

Non-Pulmonary Nil per 1,000 estimated population.

Death Rate from Cancer 1.07 per 1,000 estimated population.

" " " Measles (All Ages) Nil

" " " Whooping Cough Nil

" " " Diarrhoea (under 2 years) .42

From the above figures the outstanding features are :-

During 1945 there were no noteworthy causes of sickness, nor had we any deaths from Whooping Cough, Diphtheria or Measles, or any other of the Epidemic Diseases, which is a very satisfactory state of affairs.

During 1945 there were no deaths in the village due to Childbirth and no cases of puerperal sepsis, which is very satisfactory, and has been so now for a number of years.



The Chief Causes of Deaths for 1945 are as follows:-

|                                | <u>Males</u> | <u>Females.</u> |
|--------------------------------|--------------|-----------------|
| Tuberculosis (Respiratory)     | 1            | -               |
| Tuberculosis (Other Forms)     | 1            | -               |
| Cancer of Stomach or Duodenum  | 1            | 1               |
| Cancer                         | 5            | 2               |
| Intra-Cranial Vascular Lesions | 2            | 5               |
| Heart Disease                  | 5            | 4               |
| Other Circulatory Diseases     | 8            | 3               |
| Bronchitis                     | 1            | 4               |
| Pneumonia                      | 1            | -               |
| Other Respiratory Diseases     | -            | 1               |
| Digestive Disorders            | 1            | 1               |
| Nephritis                      | 1            | 1               |
| Premature Birth                | -            | -               |
| Congenital Malformation        | -            | -               |
| Road Traffic                   | -            | -               |
| Moules                         | -            | -               |
| Syphilitic Disease             | -            | -               |
| Diabetes                       | -            | 1               |
| Marasmus under 2 years         | 1            | 1               |
| Other Violent Deaths           | -            | -               |
| Suicide                        | -            | -               |
| Influenza                      | -            | -               |
| Acute Infantile Encephalitis   | 1            | -               |
| All other causes               | 2            | 3               |
|                                | <u>30</u>    | <u>27</u>       |

#### NOTIFIABLE DISEASES DURING THE YEAR.

| <u>Disease</u>        | <u>No. of Cases</u> | <u>No. Admitted to Hospital</u> | <u>Deaths.</u> |
|-----------------------|---------------------|---------------------------------|----------------|
| Measles               | 51                  | -                               | -              |
| Scarlet Fever         | 4                   | 3                               | -              |
| Diphtheria            | -                   | -                               | -              |
| Typhoid               | -                   | -                               | -              |
| Puerperal Pyrexia     | -                   | -                               | -              |
| Pneumonia             | 2                   | -                               | -              |
| Erysipelas            | 3                   | -                               | -              |
| Chicken Pox           | 54                  | -                               | -              |
| Influenza Meningitis  | -                   | -                               | -              |
| Whooping Cough        | 47                  | -                               | -              |
| Cerebral Spinal Fever | -                   | -                               | -              |

A Scheme for free artificial immunisation of children against Diphtheria has been available in my Council's District since 1939 and the number of children who have received the above treatment up to the present time is - 996. Further propaganda was carried out again in the schools and homes which revived interest and the figures are quite good.

Our rates for the number of cases of Scarlet Fever and Diphtheria notified per 1,000 are respectively .8 and .111

The cost to the Council for patients admitted to the Macclesfield Isolation Hospital was £97.

There has been no cases of Ophthalmia Neonatorum during the year 1945.



# TUBERCULOSIS

| Age Period | NEW CASES |         |               |         | DEATHS    |         |               |          |
|------------|-----------|---------|---------------|---------|-----------|---------|---------------|----------|
|            | Pulmonary |         | Non-Pulmonary |         | Pulmonary |         | Non-Pulmonary |          |
|            | Males     | Females | Males         | Females | Males     | Females | Males         | Females. |
| 0          | -         | -       | -             | -       | -         | -       | -             | -        |
| 1          | -         | -       | -             | -       | -         | -       | -             | -        |
| 5          | -         | -       | -             | -       | -         | -       | -             | -        |
| 10         | -         | -       | -             | -       | -         | -       | -             | -        |
| 15         | -         | -       | -             | -       | -         | -       | -             | -        |
| 20         | 1         | -       | -             | -       | -         | -       | -             | -        |
| 25         | -         | 1       | -             | -       | -         | -       | -             | -        |
| 35         | 2         | -       | -             | -       | -         | -       | -             | -        |
| 45         | -         | -       | -             | -       | 1         | -       | -             | -        |
| 55         | -         | -       | -             | -       | -         | -       | -             | -        |
| 65         | -         | -       | -             | -       | -         | -       | -             | -        |
|            | 3         | 1       | -             | -       | 1         | -       | -             | -        |

It has not been found necessary to take any action under the Public Health Prevention of Tuberculosis Regulation, 1928. During 1945-19 specimens of Putum were examined for Tuberculosis, 15 being negative and 4 positive.

## SUMMARY OF NURSING ARRANGEMENTS. HOSPITALS & OTHER INSTITUTIONS FOR THE DISTRICT.

### (a) Infectious Diseases

An agreement with the Macclesfield Corporation to provide sufficient beds in the new joint Hospital Scheme is in force.

Under the new arrangements it will be possible to admit and isolate several ather diseases apart from Scarlet Fever and Diptheria, viz Whooping Cough, Measles and Pu@rperal Pyrixia.

During 1945 3 cases of infectious diseases, viz 3 Scarlet Fever were referred to Hospital for treatment.

(b) Small Pox. During 1945 there have been no cases of Small Pox. My Council have an agreement with the Congleton & District Joint Small Pox Hospital Committee for the reception of Small Pox Cases for the next two years.

(c) Tuberculosis These cases are dealt with:-

- (a) Domiciliary Treatment under the care of own Doctor
- (b) Hospital )
- (c) Sanatorium ) Under the care of Cheshire County Tuberculosis Scheme.
- (d) Dispensary )

(d) Venereal Disease Our nearest centre for the treatment of these diseases is West Park Hospital and it is under the supervision of the Cheshire County Authorities.

(e) Ambulance Facilities. Cases of sickness or accident requiring removal to Hospital are conveyed by the Macclesfield Borough Ambulance or by private conveyance. Arrangements have now been made with the Macclesfield Corporation for the use of the Borough Ambulance in necessitious cases and from my experience this is proving very efficacious and they are very quick in their response to any calls.

Infectious Diseases cases are conveyed by the Macclesfield Fever Ambulance,

There are Male and Female contingents of the St. John Ambulance Association in the district who are always willing to render first aid and are of considerable help in a scattered industrial area such as Bollington.

(f) School Children The routine medical examination of School Children is carried out by the staff of the Health Department of the Cheshire County Council

(g) Home Nursing By Nurses King and Gibbs who are also our resident Midwives.



(h) Pathological Work. Arrangements are now in force with the Laboratory at the Parkside Hospital for the pathological work that may be required to be done by the Health Department. This arrangement is more satisfactory than our previous one, since it is more expeditious and the postal delay is saved.

(i) My Council have an arrangement with the Macclesfield Infirmary Mortuary for any cases requiring Post Mortem Examination.

(j) Public Health Staff. A Part-time Medical Officer, John W. Chadwick M.R.C.S.(Eng) L.R.C.P.(Lon) D.P.H.(Man) and a part-time Sanitary Inspector,, Chas. A. Smith, Certified Royal Sanitary Institute, Certified Sanitary Inspector (Man Univ)

#### SANITARY ADMINISTRATION.

WATER. The water supplied in the area and Bull supplies to the Macclesfield Rural District Parishes of Adlington, Prestbury and Rainow have been satisfactory in quality and quantity.

The Council's Consulting Analyst, Messrs. Melling & Arden visit the Undertaking three times per year and at their discretion send for samples for examination.

11 Samples were submitted for Bacteriological Examination.

8 Raw Water - Analyst report 'All waters are of perfectly sound and wholesome quality.

3 Chlorinated Analyst report 'All waters are of perfectly sound and wholesome quality.

2 Samples were submitted for Chemical analysis, results expressed in parts per 100,000

|                                       | No.1. | No.2. |
|---------------------------------------|-------|-------|
| Total solids in solution .....        | 16.0  | 16.4  |
| Non-volatile solids .....             | 13.0  | 13.6  |
| Loss on ignition .....                | 3.0   | 2.8   |
| Total Hardness .....                  | 8.0   | 11.0  |
| Temporary " .....                     | 5.6.  | 8.6   |
| Permanent " .....                     | 2.4   | 2.4   |
| Combined chlorine .....               | 1.3   | 1.45  |
| Heavy (toxic) metals .....            | Nil   | Nil   |
| Ammoniacal nitrogen .....             | Nil   | Nil   |
| Albuminoid do .....                   | Nil   | Nil   |
| Nitrous do .....                      | Nil   | Nil   |
| Nitric do .....                       | 0.11  | 0.15  |
| Oxygen absorbed in 3 hrs @ 26.7°C ... | Nil   | Nil   |

There are 1,567 houses in the Urban District, all but 9 are on the Public Supply.

1,655 are supplied direct to the houses (population 4,623)

3 are supplied by stand pipe (population 8)

DRAINAGE AND SEWERAGE Particulars of any important extention of the sewerage system - None,

Particulars of any part of the district which is in need of improved sewerage facilities or sewage disposal works - None.

No complaints have been received in respect of the effluent from the Sewage Works during the year.

CLOSET ACCOMMODATION. Number of conversions from conservancy system to water carriage during the year - Nil.

Number of houses on conservancy system in built-up areas - Nil.

HOUSING. This Authority have, with minor exception, adopted the Housing Standard approved by the Joint County Advisory Committee on Rural Housing and recommended by the Cheshire County Council.



PUBLIC CLEANSING. Particulars of any extension or improvement during the year in the arrangements for public cleansing - None

MEAT AND OTHER FOODS. The Sanitary Inspector has co-operated with the Sanitary Inspector of the Macclesfield Rural District Council in carrying out the duties of meat inspection at the Ministry of Food central slaughterhouse in Macclesfield in respect of meat for consumption in their respective districts. 10 parcels of various other foods have been condemned during 1945.

MILK SAMPLES 4 samples of Milk were forwarded to the Public Health Laboratory, Manchester for examination. 3 were satisfactory and 1 unsatisfactory.

In conclusion, I should like to thank Mr. C.A. Smith, the Sanitary Inspector, who is always willing to render any assistance and carry out instructions in connection with the health of the township.

FIELD WORK. The purpose of my research is to improve the  
state of the world for public education - Now

THE FIELD WORK. The purpose of my research is to improve the  
state of the world for public education - Now  
The purpose of my research is to improve the  
state of the world for public education - Now  
The purpose of my research is to improve the  
state of the world for public education - Now

THE FIELD WORK. The purpose of my research is to improve the  
state of the world for public education - Now  
The purpose of my research is to improve the  
state of the world for public education - Now

THE FIELD WORK. The purpose of my research is to improve the  
state of the world for public education - Now  
The purpose of my research is to improve the  
state of the world for public education - Now